

Using Python in the New Livermore Fusion Modelling Code

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October 29, 1996

Abstract

LLNL is constructing a new inertial confinement fusion modelling code. This code is being written primarily in C++, with heavy emphasis on data abstraction and object orientation. The interface to this computational workhorse is being constructed in Python. This requires coupling Python to C++, and writing major subsystems entirely in Python.

Work performed under the auspices of the US DOE by LLNL, contract No. W-7405-ENG-48.